

NAD 27 WV North Coor.
N 307,402.5 E 1,647,308

LATITUDE 39 - 22 - 30

11,040 West
13,750 South

LONGITUDE 80 - 42 - 30

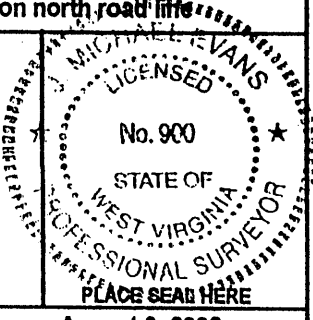
1" = 2000'
inset map

2.60
2.09

FILE NUMBER: _____
DRAWING NUMBER: _____
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1 in 2500
PROVEN SOURCE OF ELEVATION: GPS Survey (submeter)

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNED) *J. Michael Evans*
J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WV 25143-2506
FORM WW-6

LAND SURVEYING SERVICES
21 CEDAR LANE, BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

DATE: August 6, 2002
OPERATORS WELL NO.: 11584

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 945' WATERSHED Nutter Fork
DISTRICT West Union COUNTY Doddridge
QUADRANGLE Smithburg

API WELL NO. 47 - 017 - 3989 F
STATE COUNTY PERMIT

SURFACE OWNER Robert A. & Diana L Knight
OIL & GAS ROYALTY OWNER Alice M. Cox & G. E. Knight
ACREAGE 79.85
LEASE ACREAGE 95.8

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) REWORK

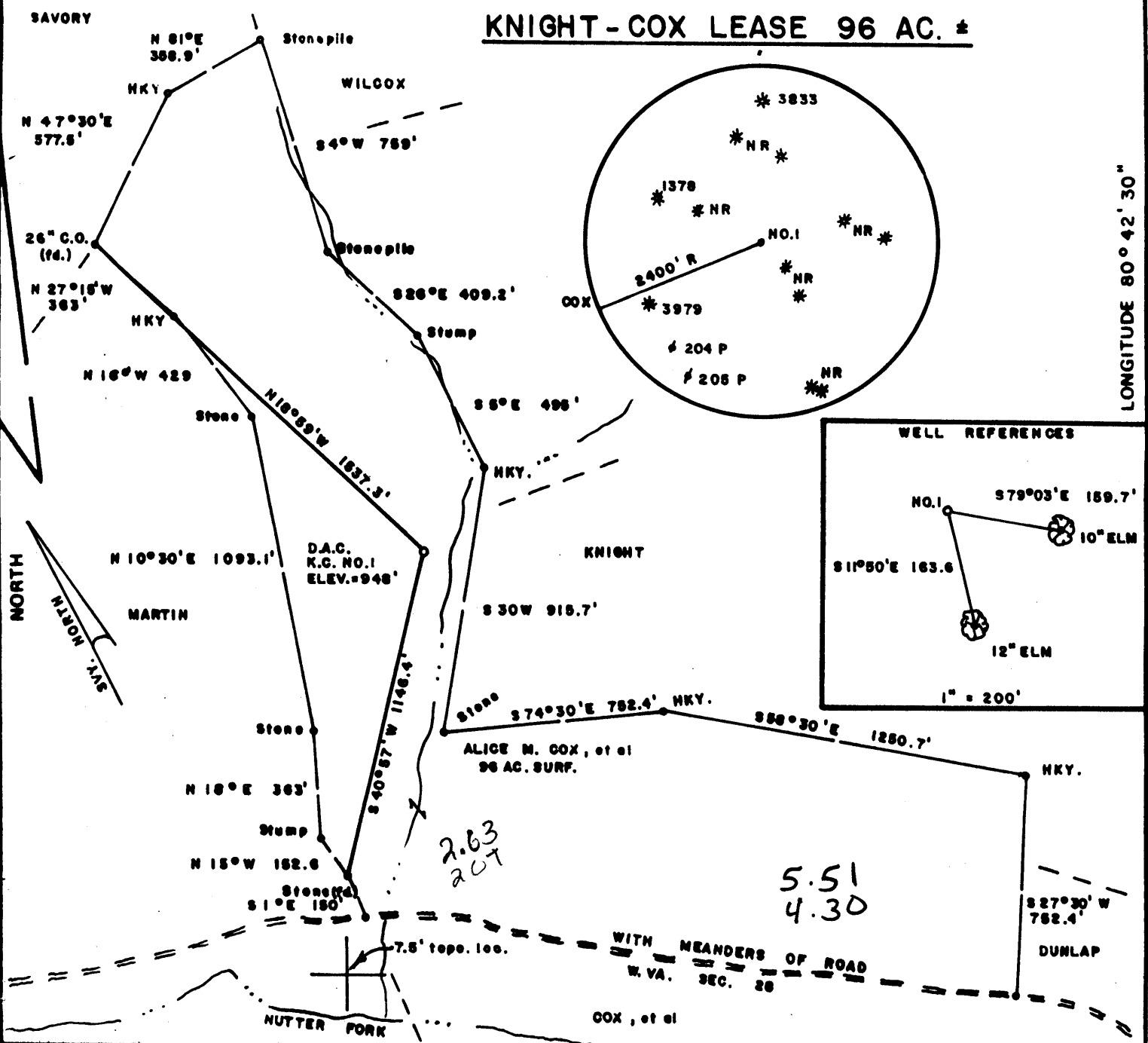
TARGET FORMATION Benson-Riley
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
ESTIMATED DEPTH 5500'

WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT Rodney J. Biggs
ADDRESS P. O. Box 1248, Jane Lew, WV 26378 ADDRESS P. O. Box 1248, Jane Lew, WV 26378

COUNTY NAME PERMIT

Dodd 3989 F

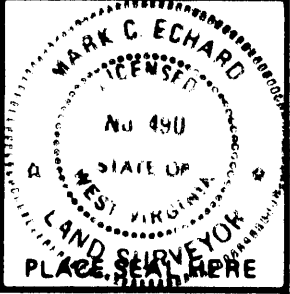
KNIGHT-COX LEASE 96 AC. ±



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Jct. of Roads
 West of Lease Elev. = 862'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE OCTOBER 1, 1992
 OPERATOR'S WELL NO. K.C. No. 1
 API WELL NO. 47-017-3989
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 948' WATER SHED NUTTER FORK
 DISTRICT WEST UNION 8 COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7.5' Centerpoint WC
 SURFACE OWNER ALICE M. COX, et al ACREAGE 96
 OIL & GAS ROYALTY OWNER ALICE M. COX, et al LEASE ACREAGE 96
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BENSON-RILEY ESTIMATED DEPTH 5500'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, W. VA. 26320 ADDRESS P.O. BOX 99 ALMA, W. VA. 26320

OCT 25 1992

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

ML

Well Operator's Report of Well Work

Knight-Cox #1

Farm name: Knight, Robert A. Operator Well No.: 11584 REWORK
LOCATION: Elevation: 945' Quadrangle: Smithburg

District: West Union County: Doddridge
Latitude: 11,040 Feet South of 39 Deg. 22 Min. 30 Sec.
Longitude 8125 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Mike Underwood				
Date Permit Issued: 09/11/2002		See Original	WR-35 for	Existing
Date Well Work Commenced:		Casing	program	
Date Well Work Completed: 11/08/2002				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary Cable X Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

RECEIVED
 Office of Oil & Gas
 Permitting

 NOV 20 2002

 WV Department of
 Environmental Protection

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2654-2674'
 Gas: Initial open flow -- MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 103 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 12 Hours
 Static rock Pressure 350 psig (surface pressure) after 12 Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: _____
 By: Rodney J. Biggs
 Date: 11/19/02

MR

DEC 13 2002

0000 3989F

RECEIVED
Office
DEC 02 92
WV Division of
Environmental Protection

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: COX, ALICE M. ETAL.

Operator Well No.: KNIGHT-COX #1

LOCATION: Elevation: 948.00 Quadrangle: SMITHBURG

District: WEST UNION County: DODDRIDGE
Latitude: 13700 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 10900 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: DRILLING APPALACHIAN CORP

P. O. BOX 99
ALMA, WV 26320-0099

Agent: KENNETH R. MASON

Inspector: MIKE UNDERWOOD

Permit Issued: 10/19/92
Well work Commenced: 10/21/92
Well work Completed: 11/2/92

Verbal Plugging
Permission granted on: _____

Rotary Cable _____ Rig _____

Total Depth (feet) 5157

Fresh water depths (ft) 90

Salt water depths (ft) 1575

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1058	1058	235sks CTS
4-1/2"		5065	200sks

OPEN FLOW DATA

Producing formation Benson Sand Pay zone depth (ft) 4959-63
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 370 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 1530 psig (surface pressure) after 72 Hours

Second producing formation Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Reviewed TMG
Recorded CH

For: DRILLING APPALACHIAN CORP. MAY 24 1993

By: Kenneth R. Mason
Date: 11-25-92

Perforated at a depth of 4959-4963, 16 shots, 0.39".
 Fraced with 707 bbls 20# gel water, 113,000 SCF nitrogen gas,
 10,000# 80/100, 40,000# 20/40 sand. Formation Break at 1891 psi
 avg treatment psi, 2410, avg fluid rate, 20.03 bbl/min., INSIP 2169

Permian			
Sands/Shales	0	500	
Pennsylvanian			
Sands/Shales	500	1869	
Big Lime	1870	1925	
Shale	1926	1929	
Big Injun	1930	2076	
Shale	2077	2219	
Weir Sand	2220	2300	
Shale	2301	2422	
Gantz Sand	2423	2440	
Shale/Siltstone	2441	2655	
Gordon Sand	2656	2676	
Shale/Siltstone	2677	3297	
Warren	3298	3344	
Shale/Siltstone	3345	4489	
Riley	4490	4550	
Shale/Siltstone	4551	4958	
Benson Sand	4959	4966	Show of gas
Shale	4967	5155	
TD		5155	

DF 424

DFT-435

14398

Environ
OCT 16
Permitting
Office of Oil & Gas

1) Date: October 9, 1992
2) Operator's well number
Knight-Cox #1
3) API Well No: 47 - 17 - 3989
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|---|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Alice M. Cox, et al</u>
Address <u>Route 1, Box 13</u>
<u>Pullman, WV 26421</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____
Address _____</p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____
Address _____</p> |
| <p>6) Inspector <u>Mike Underwood</u>
Address <u>Rte 2, Box 135</u>
<u>Salem WV 26426</u>
Telephone (304)- <u>782-1043</u></p> | |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
x Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

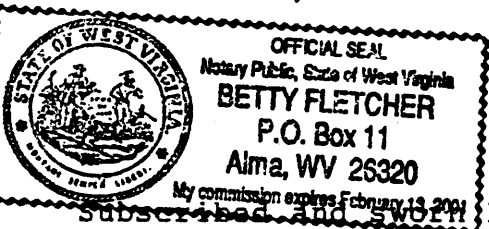
- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator DRILLING APPALACHIAN CORPORATION
 By: Kenneth R. Shaver
 Its: President
 Address P. O. Box 99
Alma, WV 26320
 Telephone 304/758-4638



Subscribed and sworn before me this 9th day of October, 1992

Betty Fletcher Notary Public